



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RB KIT 407M-13
Job Sheet 189686



Part No: RB KIT 407M-13

Job Qty: 10 pcs

Part Name: Gauge Pin .1080" dia.



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/29/19

Job Tracking No:

Due Date: 2/22/19

Created By: Chrisoula Tsimiklis

Type: Stock

Description:

Note: DWG RB KIT 407M REV.D IPP REV A 18.01.29 NEW ISSUE RQ VERIFIED BY DP/IPP Rev B 18.03.08 DWG update Rev. C DP Verify DD/IPP Rev. C 19.01.24 drawing revision DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier Lead Time		
90	Purchasing	10 pcs	2/22/19	0.00	0.00	Purchasing - 1		FEB 08 2019	
						Purchasing - 2			
						Purchasing - 3			
95	Packaging 2-1 - Receive - B4B	10 pcs	2/22/19	0.00	0.00	Packaging 2 - 1 - B4B		FEB 08 2019	
						Packaging 2 - 2 - B4B			
						Packaging 2 - 3 - B4B			
						Packaging 2 - 5 - B4B			
						Packaging 2 - 4 - B4B			
						Packaging 2 - 6 - B4B			
						Packaging 2 - 7 - B4B			
						Packaging 2 - 8 - B4B			
						Packaging 2 - 9 - B4B			
						Packaging 2 - 10 - B4B			
						Packaging 2 - 11 - B4B			
						Packaging 2 - 12 - B4B			
						Packaging 2 - 13 - B4B			
						Packaging 2 - 14 - B4B			
						Packaging 2 - 15 - B4B			
						Packaging 2 - 16 - B4B			
						Packaging 2 - 17 - B4B			
						Packaging 2 - 18 - B4B			
						Packaging 2 - 19 - B4B			
						Packaging 2 - 20 - B4B			
						Packaging 2 - 21 - B4B			
						Packaging 2 - 22 - B4B			
						Packaging 2 - 23 - B4B			
						Packaging 2 - 24 - B4B			
						Packaging 2 - 25 - B4B			
						Packaging 2 - 26 - B4B			
						Packaging 2 - 27 - B4B			

ART

SPACE

No: S151997

KIT 407M - 13

39686

Batch: S151997

Dart Aerospace Ltd.

1270 Aberdeen Street

Hawkesbury, ON K64 1K7

CANADA

TEL: 1 613 632-5200

Email: sales@dartaero.com

www.dartaerospace.com

Date: 02/08/19



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1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
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www.dartaerospace.com

Container No: S151997



Part: RB KIT 407M-13

Job No: 189686

Serial No/Batch: S151997

Revision: D

Inspector:

Exp Date:

Instructions:

Date: 02/08/19

					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
					100 QC 6	10 pcs
QC 6 - 42						
QC 6 - 9						
QC 6 - 68						
QC 6 - 61						
110 Small Fab - 2 - B4B	10 pcs	2/22/19	0.00 0.00	Small Fab - 1 - B4B		
				Small Fab - 2 - B4B		
				Small Fab - 3 - B4B		
				Small Fab - 4 - B4B		
				Small Fab - 5 - B4B		
				Small Fab - 6 - B4B		
				Small Fab - 7 - B4B		
120 QC 5	10 pcs	2/22/19	0.00 0.00	QC 5 - 10		
				QC 5 - 12		
				QC 5 - 17		
				QC 5 - 18		
				QC 5 - 19		
				QC 5 - 22		
				QC 5 - 24		
				QC 5 - 3		
				QC 5 - 38		
				QC 5 - 42		
				QC 5 - 43		
				QC 5 - 49		
				QC 5 - 51		
				QC 5 - 58		
				QC 5 - 68		
				QC 5 - 9		
				QC 5 - 50		
				QC 5 - 30		
130 Packaging 3-1 - Stock - B4B	10 pcs	2/22/19	0.00 0.00	Packaging 3 - 1 - B4B		
				Packaging 3 - 2 - B4B		
				Packaging 3 - 3 - B4B		
				Packaging 3 - 4 - B4B		
				Packaging 3 - 5 - B4B		
				Packaging 3 - 6 - B4B		
				Packaging 3 - 7 - B4B		
				Packaging 3 - 8 - B4B		
				Packaging 3 - 9 - B4B		
				Packaging 3 - 10 - B4B		
				Packaging 3 - 11 - B4B		
				Packaging 3 - 12 - B4B		
				Packaging 3 - 13 - B4B		
				Packaging 3 - 14 - B4B		
				Packaging 3 - 15 - B4B		
				Packaging 3 - 16 - B4B		
				Packaging 3 - 17 - B4B		
				Packaging 3 - 18 - B4B		
				Packaging 3 - 19 - B4B		
				Packaging 3 - 20 - B4B		

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FEB 28 2019

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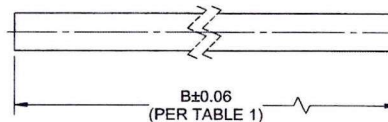
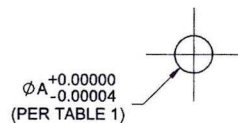
Plex 1/29/19 1:17 PM dart.tsimiklis.chrisoulas

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				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
140 QC 21 - SA	10 pcs	2/22/19	0.00 0.00	QC 21 - SA - 21	DAC MAR 07 2019
				QC 21 - SA - 70	21 9-89
Part Op 90 - (Purchasing) P0042435 Descriptions: 95 - (Receive & Inspect for Damage & Mat'l Certs) 100 - (QC6- All purchased or subcontracted products) 110 - 1-Cut pin in half. 2-Debur 3-Put pin in small sealable plastic bag with a small amount of LPS 2 to prevent corrosion. 4-Package as per note 10. 120 - (QC5- Inspect part completeness to step on W/O) 130 - (Identify as per dwg & Stock Location: _____) 140 - (QC21- Final Inspection - Work Order Release) CT x10 19-01-29					
Job BOM					
Part / Item	Component Name	Quantity	Operation	Container	
21135A54	Plug Gauge	5 Ea (.5 ea)	90-Purchasing	S151993	
Job Allocations					
Operation	Component Part	Required	Inventory	Allocated	
90-Purchasing	21135A54	5	26	0	
Part Specifications					
Specifications could not be found.					



**TABLE 1
GAUGE PIN DIMENSIONS**

PART NUMBER	ØA	B	PURCHASE PART NUMBER (McMASTER CARR)
RB KIT 407M-01	Ø.02400	1.00"	21135A52 OR EQUIV.
RB KIT 407M-03	Ø.04000	1.00"	21135A53 OR EQUIV.
RB KIT 407M-05	Ø.05400	1.00"	21135A53 OR EQUIV.
RB KIT 407M-07	Ø.06000	1.00"	21135A53 OR EQUIV.
RB KIT 407M-09	Ø.08000	1.00"	21135A54 OR EQUIV.
RB KIT 407M-11	Ø.09600	1.00"	21135A54 OR EQUIV.
RB KIT 407M-13	Ø.10800	1.00"	21135A54 OR EQUIV.
RB KIT 407M-15	Ø.12000	1.00"	21135A54 OR EQUIV.
RB KIT 407M-17	Ø.14400	1.00"	21135A54 OR EQUIV.
RB KIT 407M-19	Ø.14400	0.25"	21135A54 OR EQUIV.
RB KIT 407M-21	Ø.16000	1.00"	21135A54 OR EQUIV.
RB KIT 407M-23	Ø.16000	0.25"	21135A54 OR EQUIV.
RB KIT 407M-25	Ø.17280	1.00"	21135A54 OR EQUIV.
RB KIT 407M-27	Ø.17280	0.25"	21135A54 OR EQUIV.
RB KIT 407M-29	Ø.18000	1.00"	21135A54 OR EQUIV.
RB KIT 407M-31	Ø.19200	1.00"	21135A55 OR EQUIV.

RB KIT 407M-01 THRU -31 Ø.XXXX, CLASS X PLUG NO-GO GAUGE

NOTES:

1) MATERIAL: SEE TABLE 1 FOR MATERIAL SPECIFICATION

2) HEAT TREAT: N/A

3) FINISH: N/A

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°

X.XX = +/- 0.01" / +/- 0.5°

X.XXX = +/- 0.005" / +/- 0.1°

X.XXXX = +/- 0.0005" / +/- 0.05°

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) BREAK SHARP EDGES: N/A

7) IDENTIFICATION: N/A

DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	MBB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	REV. D
MFG. APPR.	DP	RB KIT 407M	SHEET 3 OF 6
APPROVED	<i>[Signature]</i>	TITLE	SCALE
		SPLINE MEASURING KIT	NTS
DATE 1/17/2019		COPYRIGHT © 2018 BY DART AEROSPACE LTD	
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1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO042435



Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

PO No: PO042435
PO Date: 1/29/19
Due Date: 2/21/19
**Purchase Order
Revision:**
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: 2% 10 Net 30
Freight Terms:
Special Comments:

E-MAILED

Items													
Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	189679	21135A52			Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .0240" / dia.	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$22.59/Ea	\$225.90
Line Item Note RB KIT 407M-01, 1 PIN MAKE 2 PCS													
2	189680	21135A53			Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .0400" / dia.	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$18.77/Ea	\$187.70
Line Item Note RB KIT 407M-03, 1 PIN MAKE 2 PCS													
3	189681	21135A53			Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .0600" / dia.	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$18.77/Ea	\$187.70
Line Item Note RB KIT 407M-07 1 PIN MAKE 2 PCS													



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Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
4	189682	21135A54			Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .0800" dia	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$13.05/Ea	\$130.50
Line Item Note RB KIT 407M-09 1 PIN MAKE 2 PCS													
5	189685	21135A54			Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .0960" dia.	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$13.05/Ea	\$130.50
Line Item Note RB KIT 407M-11 1 PIN MAKE 2 PCS													
6	189686	21135A54			Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .1080" dia	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$13.05/Ea	\$130.50
Line Item Note RB KIT 407M-13 1 PIN MAKE 2 PCS													
7	189687	21135A54			Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .1200" dia	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$13.05/Ea	\$130.50
Line Item Note RB KIT 407M-15 1 PIN MAKE 2 PCS													
8	189688	21135A54			Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .1440" dia	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$13.05/Ea	\$130.50
Line Item Note RB KIT 407M-19 1 PIN MAKE 3 PCS													



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PURCHASE ORDER

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Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
9	189689	21135A54			Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .1600" ✓ dia	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$13.05/Ea	\$130.50
Line Item Note RB KIT 407M-21 1 PIN MAKE 2 PCS													
10	189690	21135A54			Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .1728" ✓ dia	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$13.05/Ea	\$130.50
Line Item Note RB KIT 407M-25 1 PIN MAKE 2 PCS													
11	189692	21135A54			Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .1728" ✓ dia	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$13.05/Ea	\$130.50
Line Item Note RB KIT 407M-27 1 PIN MAKE 3 PCS													
12	189693	21135A54			Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .1800" ✓ dia	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$13.05/Ea	\$130.50
Line Item Note RB KIT 407M-29 1 PIN MAKE 2 PCS													
13	189694	21135A55			Plug Gauge *****Diameter must be selected under the blanket p/n***** gauge pin size: .1920" ✓ dia	Firmed	-	2/22/19	10 Ea	0 Ea	10 Ea	\$13.05/Ea	\$130.50

Line Item Note RB KIT 407M-31 1 PIN MAKE 2 PCS



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PURCHASE ORDER

PO042435



Items													
Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
Grand Total:													\$1,906.30

Order Notes

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A032 DOCUMENT SPECIAL REQUIREMENTS
A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 1/29/19 3:24 PM dart.tsimiklis.chrisoula



200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO042435

Order Placed By
Chrisoula Tsimiklis

McMaster-Carr Number
7256422-03

Page 1 of 2

02/05/2019

Line	Product	Ordered	Shipped
2	✓ 21135A53 Class x Plug Gauge, NO-Go, 0.04" Size	10 Each	4 ✓
4	✓ 21135A54 Class X Plug No-Go Gauge, Size=.0800	10 Each	10 ✓
6	✓ 21135A54 Class X Plug No-Go Gauge, Size=.1080	10 Each	10 ✓
7	✓ 21135A54 Class X Plug No-Go Gauge, Size=.1200	10 Each	10 ✓
9	✓ 21135A54 Class X Plug No-Go Gauge, Size=.1600	10 Each	10 ✓

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Tracking	Carrier	Weight
CPK006738912	Purolator Ground	4 lb

Shipped separately from our Cleveland warehouse on 01/30

2	21135A53 Class x Plug Gauge, NO-Go, 0.04" Size	10 Each	6
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Shipped separately from our Chicago warehouse on 01/30

1	21135A52 Class x Plug Gauge, NO-Go, 0.024" Size	10 Each	10
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Expected to ship

3	21135A53 Class X Plug Gauge, No-Go, 0.06" Size	10 Each	10 Feb 5-19
5	21135A54 Class X Plug No-Go Gauge, Size=.0960	10 Each	10 Feb 1-11
8	21135A54 Class X Plug No-Go Gauge, Size=.1440	10 Each	10 Feb 1-11
10	21135A54 Class X Plug No-Go Gauge, Size=.1728	10 Each	10 Feb 1-11
11	21135A54 Class X Plug No-Go Gauge, Size=.1728	10 Each	10 Feb 1-11
12	21135A54 Class X Plug No-Go Gauge, Size=.1800	10 Each	10 Feb 1-11

Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO042435
Order Placed By
Chrisoula Tsimiklis
McMaster-Carr Number
7256422-03

Page 2 of 2
02/05/2019

Line	Description	Ordered	Shipped
13	21135A55 Class X Plug No-Go Gauge, Size=.1920	10 Each	10 Feb 1-11